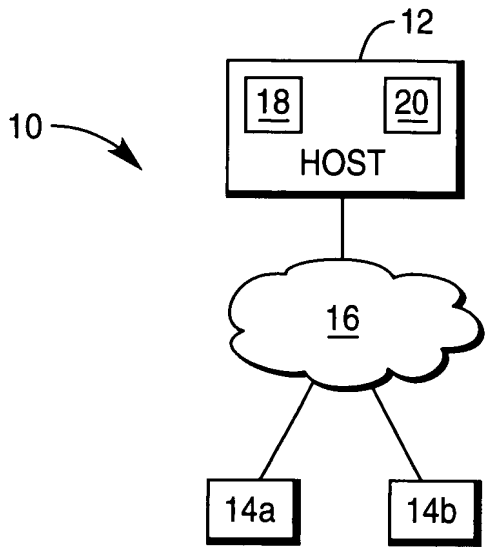


FIG. 1

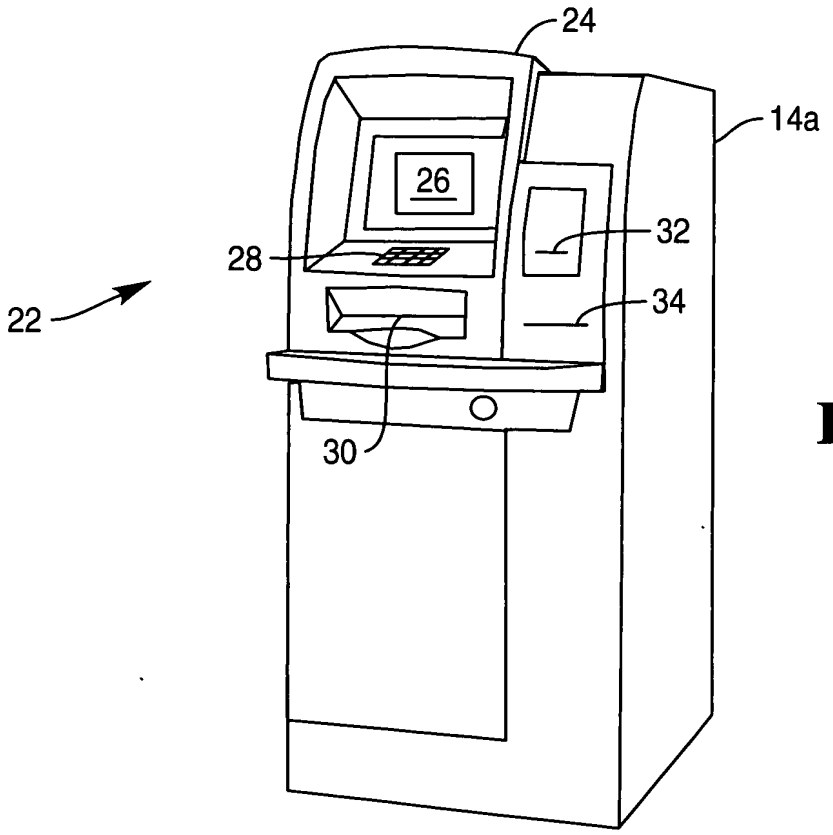


FIG. 2

FIG. 3

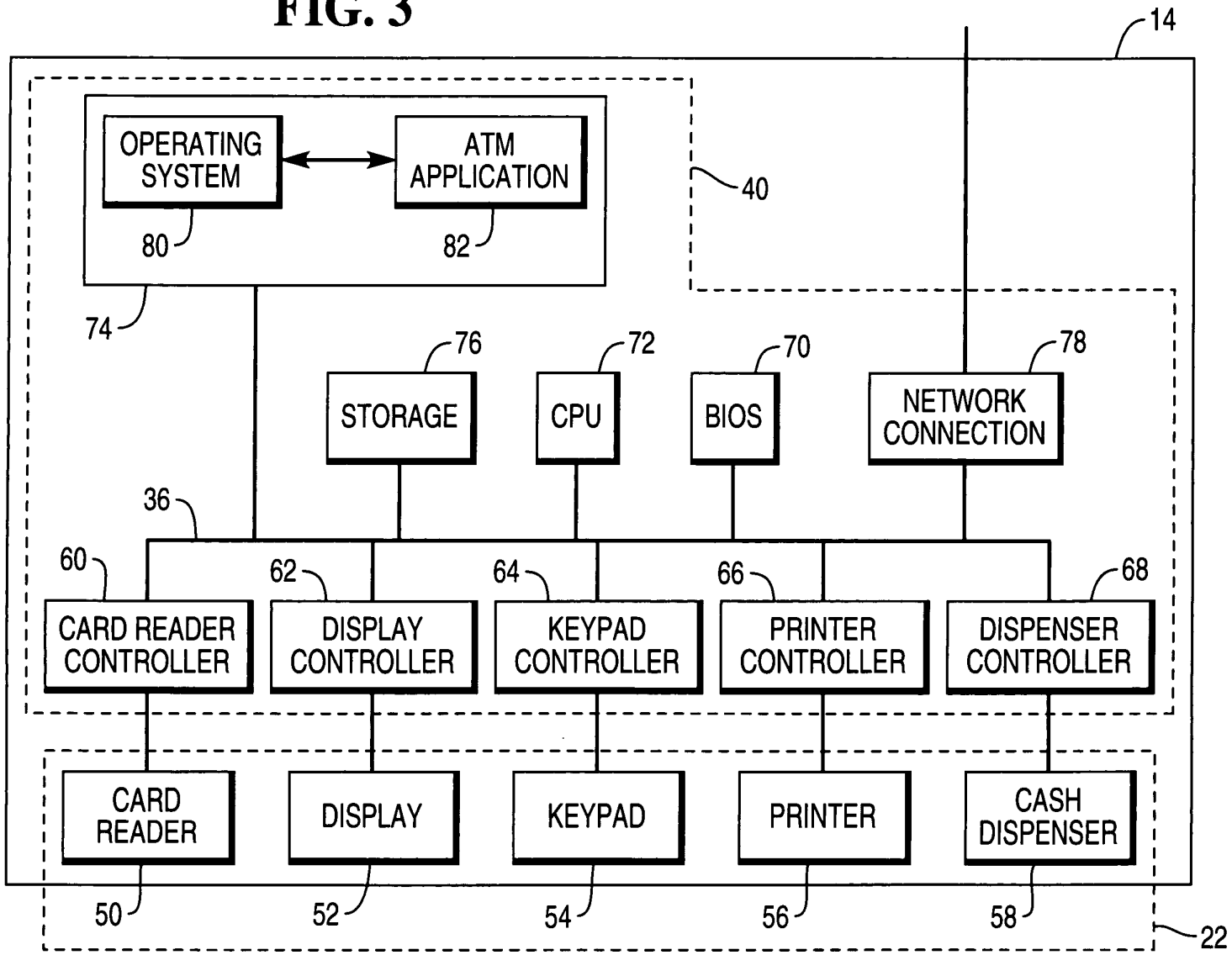
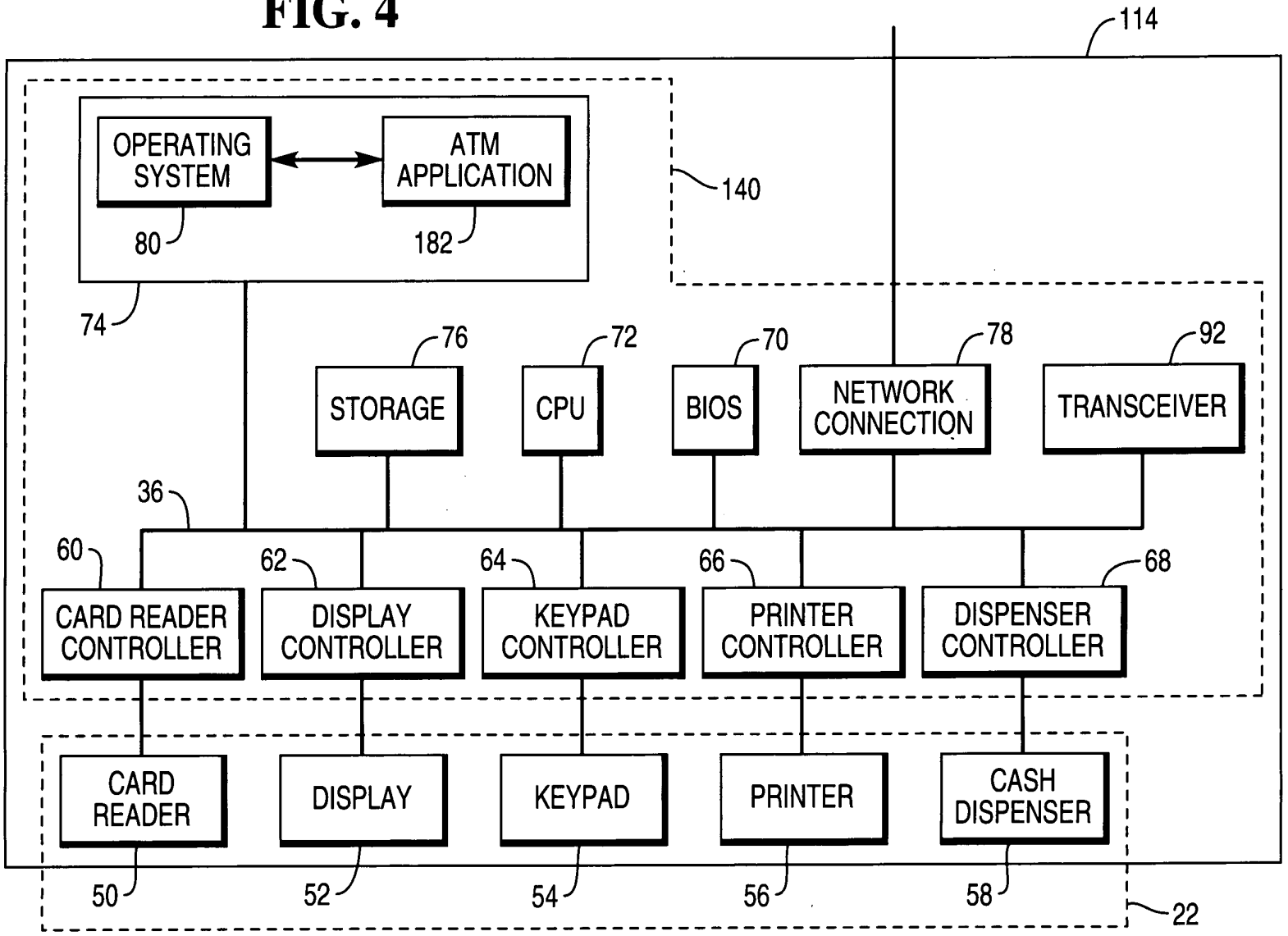

14
OPERATING SYSTEM
ATM APPLICATION
80
82
40
74
76
72
70
78
STORAGE
CPU
BIOS
NETWORK CONNECTION
36
60
62
64
66
68
CARD READER CONTROLLER
DISPLAY CONTROLLER
KEYPAD CONTROLLER
PRINTER CONTROLLER
DISPENSER CONTROLLER
CARD READER
DISPLAY
KEYPAD
PRINTER
CASH DISPENSER
50
52
54
56
58
22

FIG. 4


114
OPERATING SYSTEM
ATM APPLICATION
80
182
140
74
76
72
70
78
92
STORAGE
CPU
BIOS
NETWORK CONNECTION
TRANSCEIVER
36
60
62
64
66
68
CARD READER CONTROLLER
DISPLAY CONTROLLER
KEYPAD CONTROLLER
PRINTER CONTROLLER
DISPENSER CONTROLLER
CARD READER
DISPLAY
KEYPAD
PRINTER
CASH DISPENSER
50
52
54
56
58
22

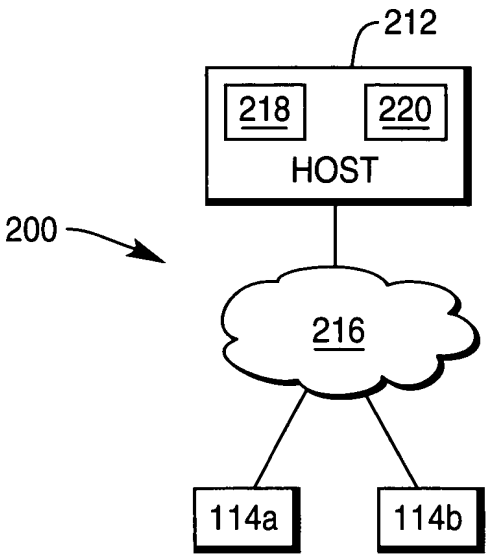


FIG. 5

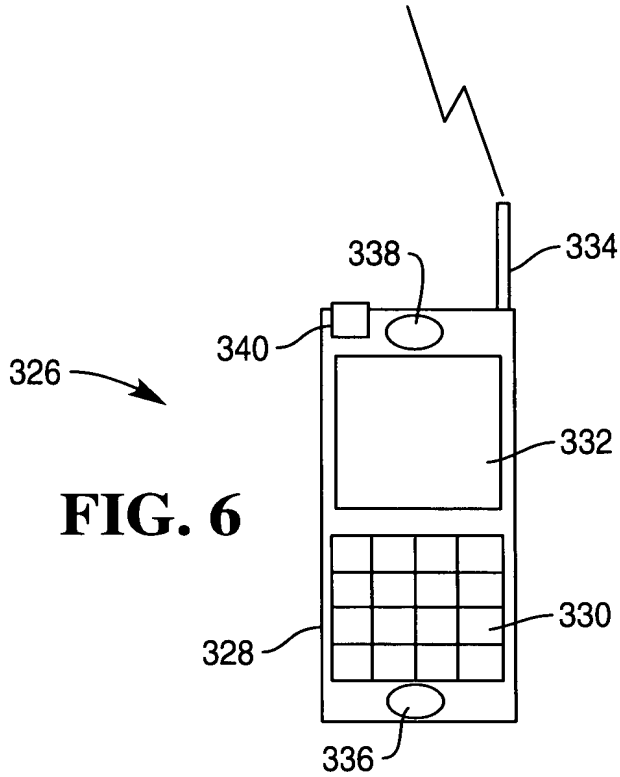


FIG. 6

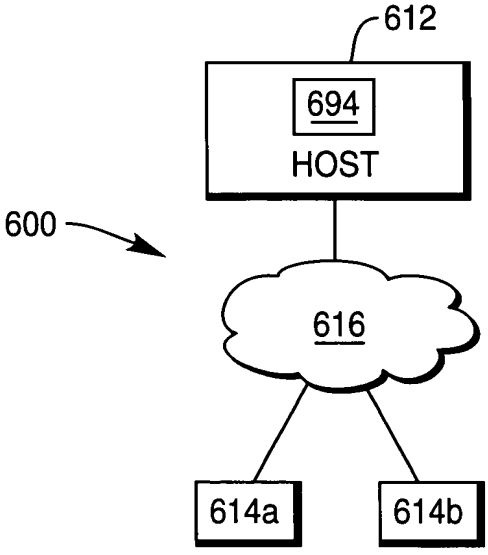


FIG. 12

FIG. 7

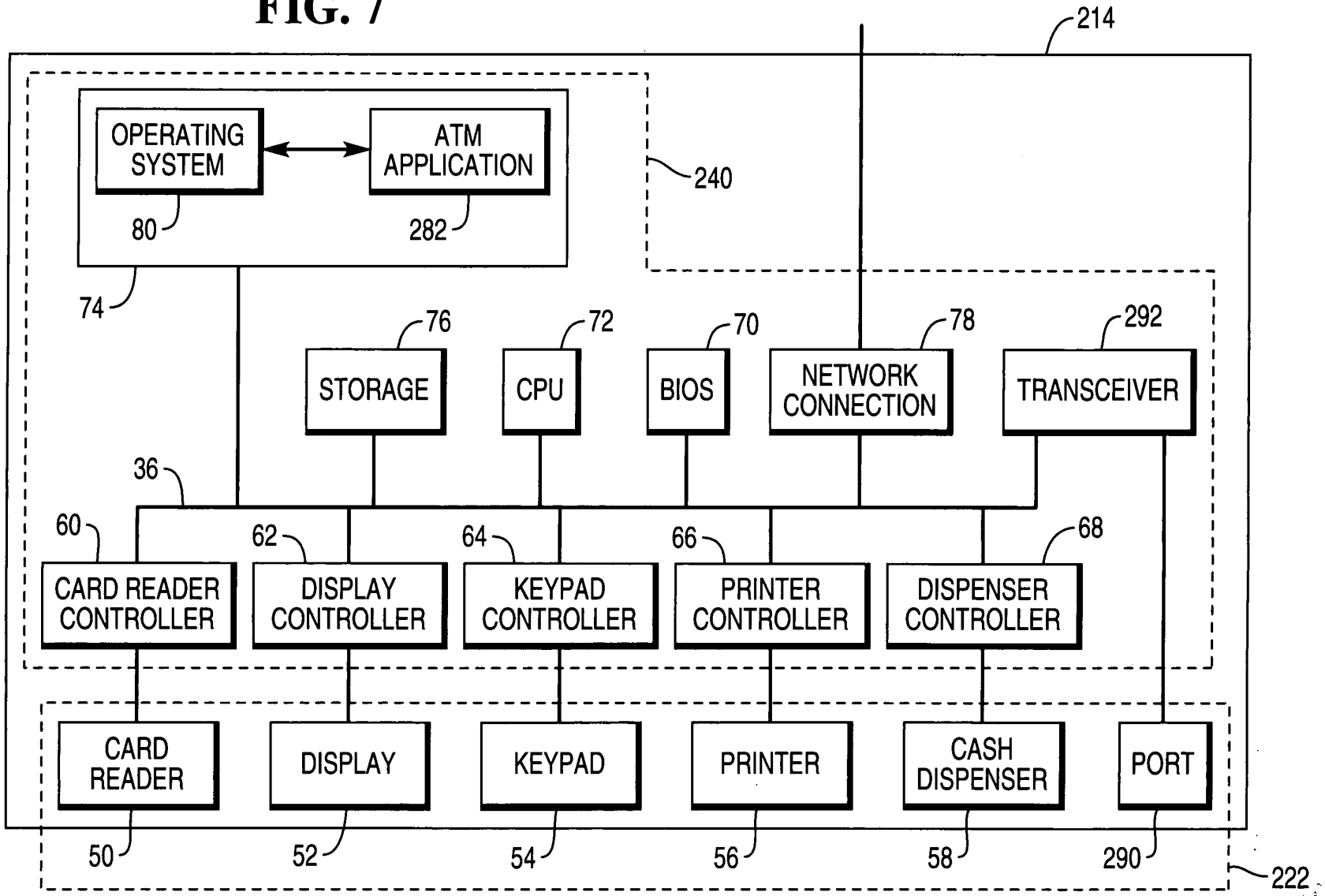

214
OPERATING SYSTEM
ATM APPLICATION
80
282
240
74
76
72
70
78
292
STORAGE
CPU
BIOS
NETWORK CONNECTION
TRANSCEIVER
36
60
62
64
66
68
CARD READER CONTROLLER
DISPLAY CONTROLLER
KEYPAD CONTROLLER
PRINTER CONTROLLER
DISPENSER CONTROLLER
CARD READER
DISPLAY
KEYPAD
PRINTER
CASH DISPENSER
PORT
50
52
54
56
58
290
222

FIG. 8

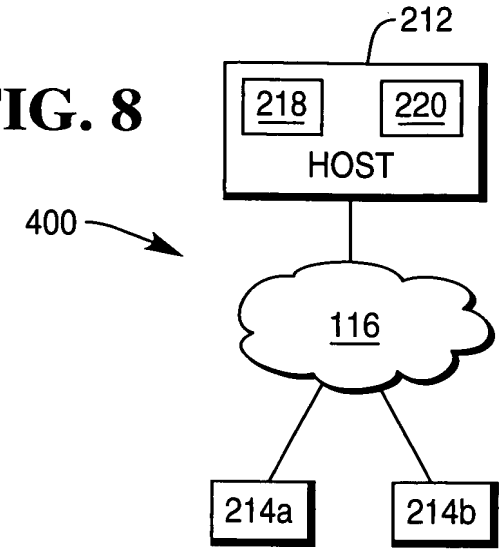


FIG. 9

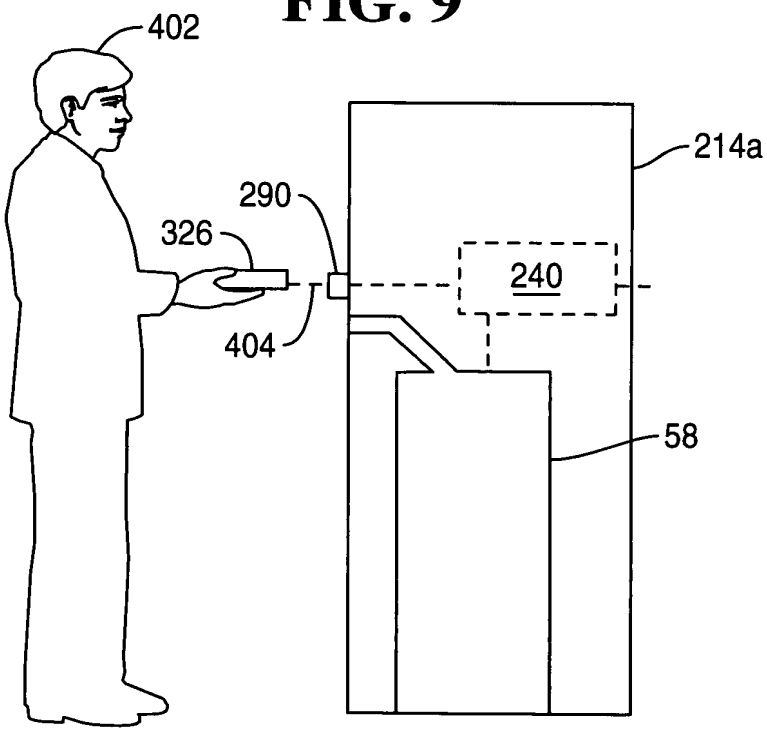


FIG. 10

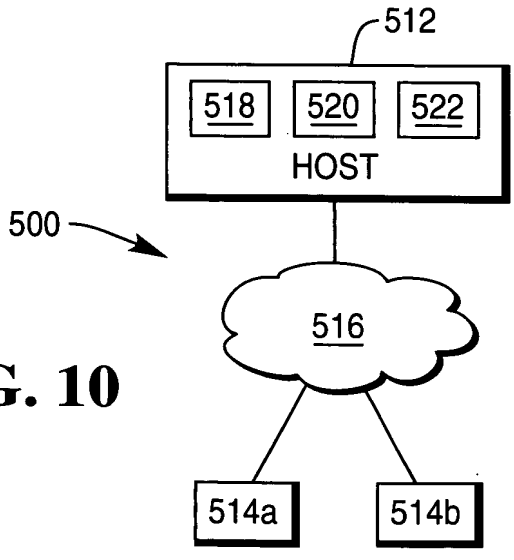
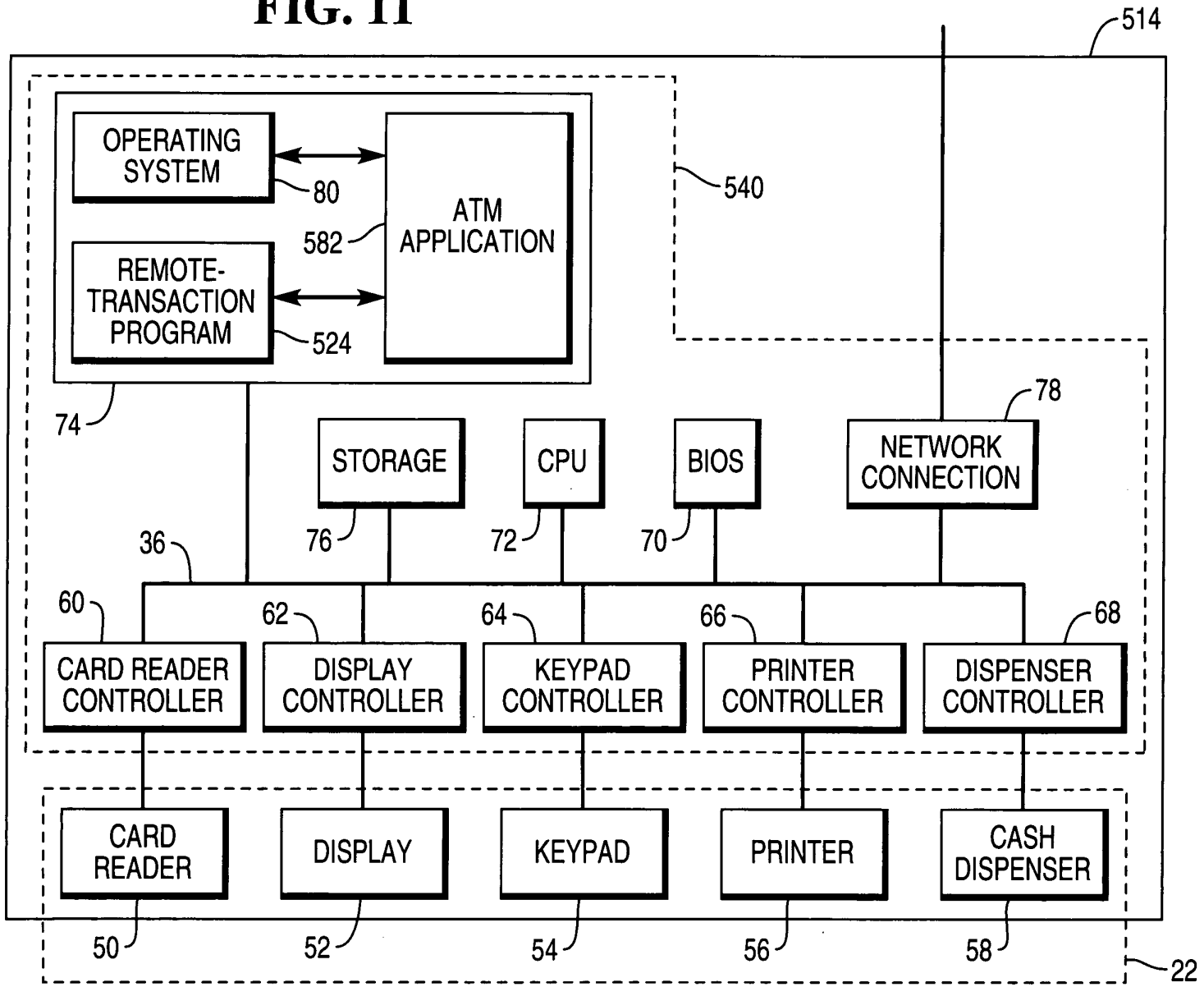


FIG. 11


514
OPERATING SYSTEM
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ATM APPLICATION
582
540
REMOTE-TRANSACTION PROGRAM
524
74
78
STORAGE
CPU
BIOS
NETWORK CONNECTION
76
72
70
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60
62
64
66
68
CARD READER CONTROLLER
DISPLAY CONTROLLER
KEYPAD CONTROLLER
PRINTER CONTROLLER
DISPENSER CONTROLLER
CARD READER
DISPLAY
KEYPAD
PRINTER
CASH DISPENSER
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